

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Arthur E. BARNES	§		
		§		
Serial No.:	Not Yet Assigned	§	Group Art Unit:	Unknown
		§		
Filed:	Concurrently Herewith	§	Examiner:	Unknown
		§		
For:	Measuring Discontinuity	§		
	In Seismic Data	§		
		§		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Att'y. Docket No. 2149-00300 (2003-IP-011636)
Date: June 27, 2003

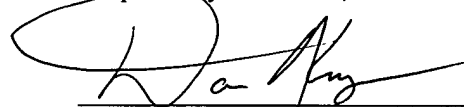
Sir:

This Information Disclosure Statement comprises a list of pertinent art of which Applicant is aware. A copy of the publications listed on Form PTO-1449 are enclosed herewith.

The submission of this Information Disclosure Statement is not an admission that the art cited is "prior" with respect to the present invention nor is it a representation that no better art exists. Applicant hereby reserves the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicant's invention.

This Information Disclosure Statement is being filed concurrently with the patent application for the above-identified matter. Therefore, no fee is due for the filing of these papers.

Respectfully submitted,



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AGENT FOR APPLICANT

Form PTO-1449 (Modified)						Atty. Docket No. 2149-00300		Serial No. Not Yet Assigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant Arthur E. Barnes			
						Filing Date June 27, 2003		Group Not Known	
REFERENCE DESIGNATION U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE		
	AA	4,204,279	05/20/1980	PARRACK <i>et al.</i>	367	40	03/01/1972		
	AB	4,403,313	09/06/1983	GAROTTA	367	61	12/17/1980		
	AC	4,633,402	12/30/1986	FLINCHBAUGH	364	421	11/08/1984		
	AD	4,984,220	01/08/1991	BODINE <i>et al.</i>	367	68	03/06/1989		
	AE	5,008,861	04/16/1991	GALLAGHER	367	59	03/06/1989		
	AF	5,563,949	10/08/1996	BAHORICH <i>et al.</i>	364	421	12/12/1994		
	AG	5,838,564	11/17/1998	BAHORICH <i>et al.</i>	364	421	10/01/1996		
	AH	5,930,730	07/27/1999	MARFURT <i>et al.</i>	702	16	09/13/1996		
	AI	5,940,778	08/17/1999	MARFURT <i>et al.</i>	702	16	07/31/1997		
	AJ	6,092,026	07/18/2000	BAHORICH <i>et al.</i>	702	16	01/22/1998		
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation		
							YES	NO	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
	AK	Article entitled "Semblance and Other Coherency Measures For Multichannel Data," by N.S. Neidell and M. Turhan Taner, Geophysics, Vol. 36, Issue 3, pp. 482-497, June 1971.							
	AL	Printout from website regarding the article entitled "PO65 Coherence Calculation of Different Seismic Attribute Traces for Fault Interpretation," by P. Scholtz, EAGE 58 th Conference and Technical Exhibition - Amsterdam, June 3-7, 1996.							
	AM	Printout from website regarding the article entitled "3-D Seismic Attributes Using a Semblance-based Coherency Algorithm," by K.J. Marfurt et al., Geophysics, Vol. 63, Issue 4, pp. 1150-65, July-August 1998.							
	AN	Article entitled "Local Discontinuity Measures for 3-D Seismic Data," by I. Cohen and R.R. Coifman, pp. 1-28, no date given.							
	AO	Article entitled "Integrating Coherence Cube Imaging and Seismic Inversion," by S. Chopra and S. Pickford, no date given.							
	AP	Article entitled "Selective-correlation Velocity Analysis," by V. Celis and K. Larner, Department of Geophysics and Center for Wave Phenomena, Colorado School of Mines, Golden, CO.							
EXAMINER					DATE CONSIDERED				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.									